

**AMENDMENTS TO THE SPECIFICATION**

Please amend the paragraph beginning on line 4, page 5, as follows:

The signal generator 4, which produces the sinusoidal wave train 28, is followed by a reshaping device 6 which includes a diode 34 in the signal transmission path between the ~~transmitter~~signal generator 4 and the antenna 8, with a switch 36 connected in parallel with this diode 34.